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(54) Title: ISOLATED NUCLEOTIDE SEQUENCES RESPONSIBLE FOR THE TOMATO HIGH PIGMENT-1 MUTANT PHENOTYPES (HP-1 AND HP-1W) AND USES THEREOF

(57) Abstract: The present invention provides isolated nucleotide sequences responsible for the tomato high pigment 1 (hp-1) and high pigment 1* (hp-1*) phenotypes, wherein said sequences comprises an altered tomato *DDB1* gene sequence or fragment thereof, wherein said the alteration in said altered sequence or fragment comprises an A-to-T transversion at nucleotide 931 of said *DDB1* gene sequence in the case of hp-1 and a G-to-A transition at nucleotide 2392 of said *DDB1* gene sequence in the case of hp-1*.



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